



EXECUTIVE REGULATION

No. 03-08

MONTGOMERY COUNTY FIRE AND RESCUE COMMISSION

EFFECTIVE DATE:

4/15/02

TITLE

Acquisition of Fire and Rescue Vehicles

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MONTGOMERY COUNTY FIRE AND RESCUE SERVICE POLICY

ACQUISITION OF FIRE AND RESCUE VEHICLES

Issued by: Montgomery County Fire and Rescue Commission

Policy No. 03-08

Authority: County Code Section 21-2 (d)(2)

Effective Date: April 15, 2002

SUMMARY:

This policy establishes procedures for reviewing and approving the acquisition of fire and rescue apparatus and EMS units that will be used by the Montgomery County Fire and Rescue Service. The proposed acquisition of all fire and rescue apparatus and EMS units must be reviewed by the Fire Administrator for compliance with approved Fire and Rescue Service Master Plans and vehicle performance and safety requirements. The appropriate review and approval process depends on the funding sources used to acquire and support the vehicle. Three categories of acquisition and support are established: 1. Units that are purchased and supported with County tax funds; 2. Units that are purchased by a Local Fire and Rescue Department and supported with County tax funds; and, 3. Units that are purchased by a Local Fire and Rescue Department and supported without the use of County tax funds.

DEADLINE:

Montgomery County Fire Board Comment: December 7, 2001
Local Fire and Rescue Depts. Comment: December 7, 2001
Div. of Fire and Rescue Services Comment: December 7, 2001
Div. of Vol. Fire and Rescue Services Comment: Dec. 7, 2001

ADDRESS:

Please address all comments regarding the proposed policy to Gordon A. Aoyagi, Chair, Montgomery County Fire and Rescue Commission, 12th Floor, 101 Monroe Street, Rockville, Md, 20850. Comments may also be e-mailed to beth.feldman@montgomerycountymd.gov

STAFF:

For additional information, please contact Beth Feldman, Montgomery County Fire and Rescue Commission, (240) 777-2423.



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BACKGROUND: Montgomery County Fire and Rescue Service apparatus and EMS units may be acquired and supported with funds from several sources. These vehicles may be: 1. purchased and supported with County tax funds; 2. purchased by a Local Fire and Rescue Department and supported with County tax funds; or 3. purchased by a Local Fire and Rescue Department and supported without the use of County tax funds. To determine whether the proposed acquisition of these vehicles conforms to service requirements established in the Fire and Rescue Service Master Plan, and that the vehicles are equipped and configured to ensure personnel safety, the Fire and Rescue Commission requires that the proposed purchase of all fire and rescue apparatus and EMS units that will be operated by MCFRS personnel must be reviewed for compliance with all applicable standards and regulations.

Sec.1. Purpose: To establish a procedure for the review and approval of the proposed acquisition of fire and rescue apparatus and EMS units, to ensure their compliance with minimum vehicle performance requirements established by the Fire and Rescue Commission.

Sec.2. Applicability. This policy applies to all fire and rescue apparatus and EMS units that are acquired to provide service in the Montgomery County Fire and Rescue Service.

Sec.3. Definitions.

- a. **Apparatus Specifications Committee (ASC).** A committee appointed by the Fire Administrator and reporting to the MCFRS Division Chiefs, charged with developing and reviewing specifications for the MCFRS system-wide purchase of new or refurbished fire and rescue apparatus and EMS units.
- b. **Applicable Safety Standards.** NFPA 1901 Standards, federal DOT, and other appropriate State, federal, or MCFRS regulations regarding a vehicle's safety requirements.
- c. **County-Purchased/County-Supported Units.** Fire and rescue apparatus and EMS units whose acquisition and support costs, including vehicle insurance fees, costs for County career staffing, equipment, fuel/supplies, and maintenance and repairs are provided entirely with County tax funds.



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- d. **Division of Fire and Rescue Services (DFRS)**. The Division of the Montgomery County Fire and Rescue Service comprising career employees and volunteers that shares with the Local Fire and Rescue Departments the responsibility for providing direct fire suppression, rescue, and emergency medical services.
- e. **Division of Volunteer Fire and Rescue Services (DVFRS)**. The Division of the Montgomery County Fire and Rescue Service that, along with the Local Fire and Rescue Departments, shares with the DFRS the responsibility for providing direct fire suppression, rescue and emergency medical services.
- f. **Emergency Medical Services**. The emergency medical service of the Montgomery County Fire and Rescue Service that provides basic life support and advanced life support services.
- g. **EMS Unit**. A vehicle that is designed and used primarily to provide emergency medical care and to transport patients.
- h. **Fire Administrator**. The non-uniformed department head of the Montgomery County Fire and Rescue Service who is appointed by the County Executive. The Fire Administrator serves as the ex officio chair of the Fire and Rescue Commission, and is responsible for: implementing and enforcing Fire and Rescue Commission policies and regulations; administering all fire and rescue services provided in the County; and supervising the Chiefs of both the Division of Fire and Rescue Services and the Division of Volunteer Fire and Rescue Services.
- i. **Fire and Rescue Commission (FRC)**. A body composed of seven voting members who are appointed by the County Executive and confirmed by the County Council. The FRC is charged with ensuring the provision of effective, efficient, and equitable fire, rescue, and emergency medical services County-wide, and providing the policy, planning, and regulatory framework for all firefighting, rescue, and emergency medical service operations.
- j. **Joint Health and Safety Committee**. A committee established to review proposed policies affecting only the health and safety issues of DFRS employees, provided for in the collective bargaining agreement between IAFF Local 1664 and Montgomery County, Maryland.
- k. **Like-for-Like Replacement**. Acquisition of a vehicle that does not increase the existing fleet, e.g., an engine purchased to replace an engine.



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- l. **Local Fire and Rescue Department (LFRD).** The Montgomery County Fire and Rescue Service component that provides direct fire suppression, rescue, and emergency medical services, in conjunction with the Division of Fire and Rescue Services.
- m. **LFRD-Purchased/County-Supported Units.** Fire and rescue apparatus and EMS vehicles that are purchased and owned by a Local Fire and Rescue Department, but whose costs to provide vehicle insurance, County career staffing, equipment, maintenance/repair/rehabilitation, and fuel/supplies are supported in whole or in part with County tax funds.
- n. **LFRD-Purchased/LFRD Supported Units.** Fire and rescue apparatus and EMS vehicles that are purchased and owned by a Local Fire and Rescue Department, whose costs to provide vehicle insurance, staffing, equipment, maintenance/repair/rehabilitation, and fuel/supplies are expended entirely without the use of County tax funds. The expenses to provide and maintain County-owned 800mhz voice and mobile data communications equipment are not covered in this policy.
- o. **Minimum Performance Requirements.** A Fire and Rescue Commission-approved list of the minimum performance-based requirements, as developed by the Apparatus Specifications Committee, that must be met before MCFRS fire and rescue apparatus and EMS units are acquired.
- p. **Montgomery Fire and Rescue Service (MCFRS).** The combined fire, rescue, and emergency medical services delivery system comprising the Division of Fire and Rescue Services, and the Division of Volunteer Fire and Rescue Services that includes the Local Fire and Rescue Departments.
- q. **Multi-Purpose Apparatus.** Any vehicle that was specifically designed to perform two or more primary fire or rescue related functions, e.g., quints, tanker/pumpers, etc.
- r. **Specialty Vehicles.** Vehicles that include, but are not limited to boats, brush trucks, tankers, breathing air units, cave-in units, haz-mat units, special evacuations units, and underwater rescue units.

Sec.4. **Policy.** It is the **FRC's** policy to require that the **Fire Administrator** review the proposed acquisition of all fire and rescue apparatus and **EMS units** that **MCFRS** intends to provide service in Montgomery County, to ensure their compliance with approved Fire and Rescue Service Master Plans and **applicable safety standards**.



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Sec.5. A. Procedure for Acquiring Like-for-Like Replacement Vehicles

a. County Purchased/County Supported Units

1. Consistent with funds provided in the approved operating budget, the **ASC** must develop technical specifications for each proposed acquisition for the review and approval of the **Fire Administrator**.
2. The **Fire Administrator** must program operating budget funds for approved vehicles, and will ensure that their acquisition is consistent with the approved Fire and Rescue Service Master Plan. The **Fire Administrator** must also ensure that the vehicle's acquisition procedures comply with Montgomery County's Procurement Regulations.
3. The **Fire Administrator** must provide the **Joint Health and Safety Committee** with an opportunity to review the specifications and drawings for compliance with **applicable safety standards**.
4. The **MCFRS**-designated individual, who has the responsibility for vehicle fleet documentation, must submit the manufacturer's documentation certifying that the vehicle meets the technical specifications in the procurement contract under which it was acquired, and that it complies with all **applicable safety standards** to the **Fire Administrator**, before the delivered apparatus/**EMS unit** is placed in service,

b. LFRD-Purchased/County Supported Units

1. Before signing an agreement to acquire fire and rescue apparatus or an **EMS unit** that is a **like-for-like replacement**, the **LFRD** must notify the **FRC** of its intent in writing. The notification must indicate: the type of apparatus to be acquired; its specifications and drawings, if drawings are available; and the **LFRD's** intent to use or require County tax funds to support the unit.
2. The **Fire Administrator** must immediately forward the specifications and drawings to the **ASC** for its review.
3. The **ASC** must review the specifications and drawings to determine if the proposed apparatus/**EMS unit** meets the **Minimum Performance Requirements** (Appendix #1), and inform the **Fire Administrator** within 30 calendar days whether the proposed unit meets those requirements.



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4. If the proposed apparatus/**EMS unit** will be operated by **DFRS** employees, the **Fire Administrator** must provide the **Joint Health and Safety Committee** with the opportunity to review the specifications and drawings. The **Joint Health and Safety Committee** must forward its comments to the **Fire Administrator** within 30 calendar days.
 5. The **Fire Administrator** must inform the **LFRD** of the results of the **ASC's** review and the **Joint Health and Safety Committee's** comments, and will resolve any outstanding issues with the **LFRD**.
 6. When the **Fire Administrator** approves the vehicle's specifications, he/she must notify the **LFRD** of his/her intent to support the vehicle's operation with County tax funds, contingent upon budget appropriations.
 7. Before placing the delivered vehicle in service, the **LFRD** must provide the **Fire Administrator**, or his/her designee, with the manufacturer's documentation certifying that the vehicle meets the applicable **Minimum Performance Requirements** (Appendix # 1) and other **applicable safety standards**.
- c. **LFRD-Purchased/LFRD Supported Units.** Before placing the apparatus/**EMS unit** in service, the **LFRD** must submit to the **Fire Administrator**, or his/her designee, the manufacturer's documentation certifying that the delivered vehicle meets the applicable **Minimum Performance Requirements** (Appendix #1) and other **applicable safety standards**. The **Fire Administrator** must submit the received documentation to the **Joint Health and Safety Committee** for review if the proposed vehicle will be used by **DFRS** personnel.
- Sec. 5. B. **Procedure for Acquiring Vehicles of a Different Type, or that Increase the MCFRS Authorized Fleet Inventory.**
- a. **County Purchased/County Supported Units**
1. The Office of the **Fire Administrator** must review the proposed service to which the vehicle is to be assigned; ensure its compliance with approved Fire and Rescue Service Master Plans and service delivery requirements; and determine its fiscal impact.
 2. Consistent with the approved operating budget, the **ASC** must develop technical specifications for the vehicle, subject to the **Fire Administrator's** review and approval.



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3. The **Fire Administrator** must program available operating budget funds for the unit's acquisition, ensure that the proposed service is consistent with the approved Fire and Rescue Service Master Plan, and that its acquisition complies with Montgomery County Procurement Regulations.
4. If the proposed apparatus/**EMS** unit will be operated by **DFRS** personnel, the **Joint Health and Safety Committee** must have the opportunity to review the specifications and drawings for **applicable safety standards**.
5. The **MCFRS**-designated individual who has responsibility for vehicle fleet documentation must submit the manufacturer's documentation certifying that the vehicle meets the **ASC's** technical specifications, and that it meets other **applicable safety standards** to the **Fire Administrator** before the delivered apparatus/**EMS** unit is placed in service.
6. The **Fire Administrator** will request the **FRC** to certify that the proposed vehicle as being consistent with the approved Fire and Rescue Services Master Plan.

b. **LFRD-Purchased/County Supported Units**

1. The **LFRD** must provide the **Fire Administrator** with documentation on how the unit's acquisition will affect the Fire and Rescue Service Master Plan and the County budget before signing an agreement to acquire a vehicle that is of a different type (i.e., a tanker for a pumper), or that increases the authorized vehicle fleet. The documentation must include:
 - A. an annual estimate of the unit's complete operating, maintenance, and staffing costs;
 - B. initial service impact statements, explaining how the new unit will improve service to the community, and its anticipated effects on the Fire and Rescue Service Master Plan; and
 - C. the proposed apparatus/**EMS** unit's specification information that must include, but is not limited to:
 - i. For new apparatus/**EMS** units: a copy of the apparatus/**EMS** unit's technical specifications, and if available, line drawings.



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- ii. For previously-owned apparatus/EMS units: a copy of the unit's technical specifications or modifications to the original design, if available; a record of any major maintenance/repairs or collision damage; and any records indicating the vehicle's refurbishment or rehabilitation.
 - iii. Specialty Vehicles/EMS units, or Multi-Purpose Apparatus/EMS units: a description of the unit, its year, make, model, vehicle identification number, mileage, and any options or add-on features.
 - iv. For watercraft: the unit's technical specifications; line drawings; and, if it was previously owned, its maintenance and repair history, if available. If applicable, written certification that the unit has passed a marine survey must also be provided.
 - v. For all-terrain vehicles: the unit's technical specifications; line drawings; and, if it was previously owned, any available maintenance and repair history.
2. The **Fire Administrator** must review the **LFRD's** documentation to determine the fiscal and service delivery impact of the apparatus/**EMS unit's** acquisition. Within 60 calendar days after reviewing this information, the **Fire Administrator** must inform the **FRC** whether the proposed service is consistent with the Fire and Rescue Service Master Plan, or if a Master Plan amendment is required.
 3. If the service delivery is consistent with the Fire and Rescue Service Master Plan, the **Fire Administrator** must forward the specifications and drawings to the **ASC**. The **ASC** must review the specifications and drawings to determine if the proposed unit meets the **Minimum Performance Requirements** (Appendix # 1), and submit its report to the **Fire Administrator** within 30 calendar days.
 4. If the proposed vehicle will be used by **DFRS** employees, the **Joint Health and Safety Committee** must have the opportunity to review the specifications and drawings.



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5. The **Fire Administrator** must inform the **LFRD** of the results of the **ASC's** review, and the **Joint Health and Safety Committee's** comments, and will resolve any outstanding issues with the **LFRD**.
6. After reviewing the fiscal and service impact statements, the **ASC's** report, and the **Joint Health and Safety Committee's** comments, the **Fire Administrator** must report on the status of the request to the **FRC** at its next regularly scheduled meeting. If the **Fire Administrator** finds that the proposed unit meets the **Minimum Performance Requirements** (Appendix # 1), and that the fiscal and service impacts are acceptable, he/she must request the **FRC** to certify the proposed vehicle as being consistent with the approved Fire and Rescue Service Master Plan at its next regular scheduled meeting.
7. Upon **FRC** certification, the **Fire Administrator** must notify the **LFRD** of his/her intent to support the vehicle's operation with County tax-funds, contingent upon budget appropriations.
8. Before placing the vehicle in service, the **LFRD** must provide the **Fire Administrator** or his/her designee with the manufacturer's documentation certifying that the delivered vehicle meets the applicable **Minimum Performance Requirements** (Appendix #1) and **applicable safety standards**.

c. **LFRD-Purchased/LFRD-Supported Units**

1. Before placing the delivered vehicle in service, the **LFRD** must submit the manufacturer's documentation certifying that the vehicle meets the applicable **Minimum Performance Requirements** (Appendix #1) and **applicable safety standards** to the **Fire Administrator**, or his/her designee. The **Fire Administrator** must submit the received documentation to the **Joint Health and Safety Committee** for review if the proposed vehicle will be used by DFRS personnel.
2. The **LFRD** must provide to the **FRC** an accountability program, to show that County tax funds are not required to provide vehicle insurance, equipment, maintenance/repair/rehabilitation, and fuel supplies.
3. The **Fire Administrator** will recommend to the **FRC** to amend the Fire and Rescue Services Master Plan to establish new service consistent with the Fire and Rescue Services Master Plan.



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4. The **FRC** will approve or deny the **Fire Administrator's** recommendation to establish a new service consistent with **LFRD Purchased/LFRD Supported units**.

Sec.6. Responsibilities.

Sec. 6. A. Responsibilities for Like-for-Like Replacement Vehicles.

a. **County Purchased/County Supported Units**

The **Fire Administrator** must:

- A. ensure that all **MCFRS** apparatus/**EMS units** comply with **applicable safety standards** in effect at the time of their manufacture;
 - B. provide the **Joint Health and Safety Committee** with an opportunity to review the specifications and drawings for compliance with **applicable safety standards**;
 - C. program operating budget funds for approved vehicles;
 - D. ensure that the vehicle's acquisition is consistent with the approved Fire and Rescue Service Master Plan;
 - E. ensure that the vehicle's acquisition procedures comply with Montgomery County's Procurement Regulations; and
 - F. receive from the **MCFRS**-designated individual for vehicle fleet documentation the manufacturer's documentation certifying that the vehicle meets the technical specifications in the procurement contract under which it was acquired, and that it complies with all **applicable safety standards**.
2. The **ASC** must develop technical specifications for each proposed acquisition for the **Fire Administrator's** review and approval, consistent with funds provided in the approved operating budget.
 3. The **Joint Health and Safety Committee** must:
 - A. review the proposed unit's technical specifications and drawings for compliance with **applicable safety standards**; and



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B. provide any written comments on the technical specifications to the **Fire Administrator** within 30 calendar days of their receipt.

b. **LFRD Purchased/County Supported Units**

1. The **Fire Administrator** must:

- A. immediately forward the specifications and drawings to the **ASC** for its review;
- B. provide the **Joint Health and Safety Committee** with the opportunity to review the specifications and drawings, if the proposed unit will be operated by **DFRS** employees, and consider the **Joint Health and Safety Committee's** comments;
- C. inform the **LFRD** of the results of the **ASC's** review and the **Joint Health and Safety Committee's** comments, and resolve any outstanding issues with the **LFRD**;
- D. approve the vehicle's specifications; and
- E. notify the **LFRD** of his/her intent to support the vehicle's operation with County tax funds, contingent upon budget appropriations.

2. The **ASC** must:

- A. review the technical specifications and drawings to determine if the proposed apparatus/**EMS unit** meets the **Minimum Performance Requirements**; and
- B. inform the **Fire Administrator** within 30 calendar days of their receipt as to whether the proposed unit meets the **Minimum Performance Requirements**.

3. The **Joint Health and Safety Committee** must provide the **Fire Administrator** with its comments on the proposed unit's specifications and drawings within 30 calendar days of receiving notice, if the comments are to be considered.



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4. The **LFRD** must:

- A. notify the **FRC** in writing of its intent to use or require County Tax funds to support the fire and rescue apparatus or **EMS unit** before signing an agreement to acquire the unit; and
- B. submit the manufacturer's documentation certifying that the vehicle meets the applicable **Minimum Performance Requirements** and other **applicable safety standards** to the **Fire Administrator**, or his/her designee, before placing the delivered vehicle in service.
- c. **LFRD Purchased/LFRD Supported Units.** The **LFRD** must submit the manufacturer's documentation certifying the delivered vehicle meets the applicable **Minimum Performance Requirements** and other **applicable safety standards** to the **Fire Administrator**, or his/her designee, before placing the delivered apparatus/**EMS unit** in service.

Sec.6. B. **Responsibilities for Authorizing Vehicles of a Different Type, or that Increase the MCFRS Authorized Fleet Inventory.**

a. **County Purchased/County Supported Units**

1. The **Fire Administrator** must:

- A. review the proposed service to which the vehicle is to be assigned, to ensure its compliance with approved Fire and Rescue Service Master Plans and service delivery requirements, and to determine its fiscal impact;
- B. program available operating budget funds for the unit's acquisition; ensure that the proposed service is consistent with the approved Fire and Rescue Service Master Plan; and that its acquisition complies with Montgomery County Procurement Regulations;
- C. provide the **Joint Health and Safety Committee** with the opportunity to review the proposed unit's specifications and drawings for **applicable safety standards**;
- D. receive the manufacturer's documentation certifying that the vehicle meets the **ASC's** technical specifications, and that it meets other **applicable safety standards** from the **MCFRS**-designated individual who has



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responsibility for fleet documentation, before placing the vehicle in service; and

E. request the **FRC** to certify the proposed vehicle as being consistent with the approved Fire and Rescue Service Master Plan.

2. The **ASC** must develop technical specifications for the vehicle, subject to the **Fire Administrator's** review and approval, consistent with the approved operating budget.
3. The **Joint Health and Safety Committee** must have the opportunity to review the proposed unit's specifications and drawings for **applicable safety standards**, and submit any comments to the **Fire Administrator** within 30 calendar days of receiving notice.
4. The **FRC** must certify that the proposed vehicle is consistent with the Fire and Rescue Service Master Plan.

b. **LFRD Purchased/County Supported Units**

1. The **Fire Administrator** must:
 - A. review the **LFRD's** documentation to determine the fiscal and service delivery impacts of the apparatus/**EMS unit's** acquisition;
 - B. inform the **FRC** whether the proposed service is consistent with the Fire and Rescue Service Master Plan, or if a Master Plan amendment is required, within 60 calendar days after receiving this information;
 - C. forward the proposed unit's technical specifications and drawings to the **ASC**, if the service delivery is consistent with the Fire and Rescue Service Master Plan;
 - D. provide the **Joint Health and Safety Committee** with the opportunity to review the proposed unit's technical specifications and drawings;
 - E. inform the **LFRD** of the results of the **ASC's** review and the **Joint Health and Safety Committee's** comments, and resolve any outstanding issues with the **LFRD**;



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- F. review the fiscal and service impact statements, the **ASC's** report, and consider the **Joint Health and Safety Committee's** comments, and report on the status of the **LFRD's** request to the **FRC** at its next regularly scheduled meeting;
 - G. if he/she finds the proposed unit meets the **Minimum Performance Requirements** and the fiscal and service impacts are acceptable, request the **FRC** to certify the proposed vehicle as being consistent with the approved Fire and Rescue Service Master Plan; and
 - H. upon the **FRC's** certification, notify the **LFRD** of his/her intent to support the vehicle's operation with County tax-funds, contingent upon budget appropriations.
2. The **ASC** must review the specifications and drawings to determine if the proposed unit meets the **Minimum Performance Requirements**, and submit its report to the **Fire Administrator** within 30 calendar days.
 3. The **Joint Health and Safety Committee** must review the specifications and drawings of proposed apparatus/**EMS units** for **applicable safety standards**, and submit any comments to the **Fire Administrator** within 30 calendar days of receiving notice.
 4. The **LFRD** must:
 - A. provide the **Fire Administrator** with documentation on how the proposed unit's acquisition will affect the Fire and Rescue Service Master Plan, service to the local community and the County budget before signing an agreement to acquire a vehicle that is of a different type, or that increases the authorized vehicle fleet; and
 - B. provide the **Fire Administrator**, or his/her designee, with the manufacturer's documentation certifying that the delivered vehicle meets the applicable **Minimum Performance Requirements** and **applicable safety standards** before placing it in service.
 5. The **FRC** must:
 - A. approve or deny the **Fire Administrator's** recommendation to amend the Fire and Rescue Service Master Plan to establish new service; and



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- B. approve or deny the **Fire Administrator's** recommendation to establish a new service consistent with the requirements for **LFRD Purchased/LFRD Supported Units**.

c. **Responsibilities for LFRD Purchased/LFRD Supported Units**

1. The **LFRD** must:

- A. submit the manufacturer's documentation certifying the delivered vehicle meets the applicable **Minimum Performance Requirements** and other **applicable safety standards** to the **Fire Administrator**, or his/her designee, before placing the apparatus/**EMS unit** in service; and
- B. provide the **FRC** with an accountability program so that County tax funds are not required to provide vehicle insurance, equipment, maintenance/repairs/rehabilitation, and fuel supplies.

2. The **Fire Administrator** must:

- A. submit a report to the **FRC** that includes all identified support documentation, the **Joint Health and Safety Committee's** comments, and a recommendation on whether to approve or deny the expenditure of non-County tax funds, contingent upon Fire and Rescue Service Master Plan compliance, and/or the expansion of the apparatus or **EMS unit** fleet; and
- B. ensure that **LFRD** requests are transmitted promptly to the **Joint Health and Safety Committee** for its review and comments; and that other administrative actions required of **MCFRS** staff and committees are performed expeditiously, in accordance with this policy.

3. The **FRC** must:

- A. approve or deny the **Fire Administrator's** recommendation to amend the Fire and Rescue Service Master Plan to establish a new service; and
- B. approve or deny the **Fire Administrator's** recommendation to establish a new service, consistent with requirements for **LFRD Purchased/LFRD Supported Units**.



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Sec.7. Enforcement. The **Fire Administrator** is the enforcement authority for all policies and regulations of the Montgomery County Fire and Rescue Service.

Sec.8. Effective Date. This policy is effective on April 15, 2002.

Attest:

Gordon A. Aoyagi, Fire Administrator

Date

Attachment – Apparatus Performance Review Checklist

Acquisition policy FRC final 3-14-02- gg/bf

ATTACHMENT

ACQUISITION OF FIRE AND RESCUE VEHICLES

Apparatus Performance Review Checklist

The information below is required to enable the Apparatus Specifications Committee to adequately conduct a performance review of the proposed vehicle. This completed checklist must be submitted to the FRC. None of the requirements listed here is intended to prevent the use of any manufacturer's products or services. The intent of this review is to ensure the availability of supplies, parts, and equipment for repairs; compatibility for vehicle service needs; and to standardize MCFRS vehicles to the degree possible to enhance operational efficiency and facilitate training requirements.

- ☐ Complete bid proposal specification
 - ☐ Technical information for all component parts, other than current standard
 - ☐ FRC-approved minimum inventory package
 - ☐ List of available factory-authorized service centers
 - ☐ Engineering drawings, if available
-

APPARATUS SPECIFICATIONS COMMITTEE REVIEW

Overall Height: _____ Length: _____ Width: _____ Wheelbase: _____

Turning Radius, L: _____ ft _____ in R: _____ ft _____ in

Cramp Angle L: _____ R: _____

GVWR Front: _____ Rear: _____ Total: _____

☐ Motor Manufacturer: _____ Model Type: _____

☐ HP Rating: _____ HP at _____ RPM.

☐ Torque: _____ ft-lbs at _____ RPM

☐ Transmission manufacturer and model #: _____

☐ Drivetrain auxiliary braking for all apparatus > 30,000 lbs. GVWR

Type: _____ Manufacturer: _____ Model: _____

☐ PS-2000 Mobile Data System compliant

☐ 1-Year single source warranty

☐ Corrosion warranty : 5 year: _____ 10 year: _____ Other: _____

☐ Locking, climate controlled ALS compartment with adjustable shelves for engines, Aerials, and Rescue Squads

☐ 1-20 AMP, 110V receptacle, 1-12V charging outlet for EMS compartment

☐ Tires: specify manufacturer, model #, size, and tread design type for:

Steering Axle(s): _____

Drive Axles: _____

☐ Brakes: Outboard mounted S-Cam Drum: _____ Disc: _____ Other: _____

☐ Visual slack adjusters and air application gauge

☐ Automatic tire chains

☐ Automatic lubrication system

☐ Alternator and battery package that will supply 120% of the maximum load + 25% intermittent load

- ❑ Battery charger outlet
- ❑ Color-coded and function-labeled wiring, Hypalon-Crosslink or equivalent
- ❑ Requirement for as-built drawings, specifications, and service manuals
- ❑ Requirement for engine cooling performance scan
- ❑ Requirement for third party testing of aerials and pumpers
- ❑ LDH-compliant pump/hose/accessories
- ❑ FRC Apparatus Graphics Package

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- ❑ 3-Point seat belts for all riding positions
- ❑ Air conditioned and heated cabs (A/C for Tiller Cabs excluded)
- ❑ Headset intercom system
- ❑ Portable hand light for all firefighting positions
- ❑ Vehicle exhaust system compliance: Station compatibility: ____ Noise levels: ____
- ❑ Approved back-up alarm and/or rear view camera
- ❑ No cab roof mounted audible warning devices
- ❑ Momentary switch for handheld spotlights
- ❑ Ground ladder lowering mechanism
- ❑ Relief valve protection for all pumping apparatus
- ❑ Standard color-coding for pump discharges
- ❑ Hands-free siren and air-horn controls

Minimum Performance Requirements for Pumpers

- ❑ 1500 GPM pump with thermal protection.
- ❑ Minimum 750-gallon water booster tank for urban and suburban pumpers (except Haz-Mat)
- ❑ Minimum 1000-gallon water booster tank for rural pumpers
- ❑ Minimum 30-gallon Class B foam tank and 95 GPM eductor
- ❑ Minimum of two full-flow LDH intakes and discharges
- ❑ 30-degree turndowns for all LDH connections
- ❑ LDH intake and discharge pressure protection
- ❑ Minimum of three cross-lays for all attack pumpers
- ❑ Minimum of three 2 1/2" rear discharges
- ❑ Thirty feet of hard-sleeve hose for rural pumpers
- ❑ Full-flow floating strainer or equivalent for rural pumpers
- ❑ 1,000 GPM, 360-degree fixed master stream device equipped with fog nozzle and triple stack tips
- ❑ Portable base for master stream device
- ❑ Minimum supply hosebed capacity of 1,000 ft. of 4" LDH, and 500 ft. of 3" Hose
- ❑ Minimum rear attack line capacity for a 400 ft. long line, 250 ft. high volume line, and a 250 ft. blitz/exposure line
- ❑ Minimum of 1600 watts of permanent lighting
- ❑ Hydraulic ladder rack
- ❑ Visual and audible thermal pump overheat warning

Minimum Performance Requirements for Aerial Apparatus

- ❑ Minimum 10kw diesel or hydraulic generator
- ❑ Minimum of 5000 watts of permanent lighting
- ❑ Minimum 95-foot aluminum or steel aerial device
- ❑ Minimum 500-pound tip load for aerial ladders, 750-pound for towers
- ❑ Minimum 1,000 GPM ladder pipe with a pre-piped tip waterway
- ❑ Intercom system between the turntable and tip
- ❑ One 45-foot pole ladder (recommended)

Minimum Performance Requirements for Rescue Squads

- ❑ Minimum 6kw back-up generator with 240-volt capability

Minimum Performance Requirements for EMS Units

- ❑ Type I or Type II (Van) chassis configuration only
- ❑ On-board oxygen system must accommodate G and H cylinders with uniform Schrader fittings
- ❑ On-board suction system must use Ohio-style outlets
- ❑ Non-swivel type attendant seats with approved seatbelts
- ❑ Cot and mounting system to be interchangeable with existing EMS units.
- ❑ Vehicle must be equipped with a block heater, wired through the shoreline
- ❑ Military Specifications connections for patient compartment 12-volt power

OTHER SPECIALTY UNITS WILL BE REVIEWED ON A CASE-BY-CASE BASIS.